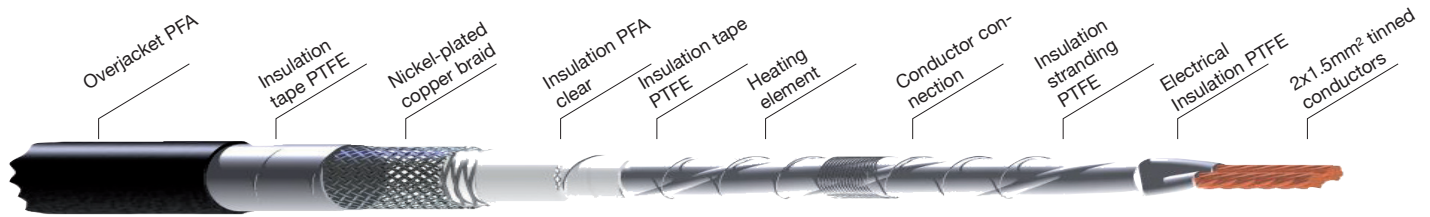


## Constant Wattage parallel heating tape Type FHT up to 260°C




### Applications:

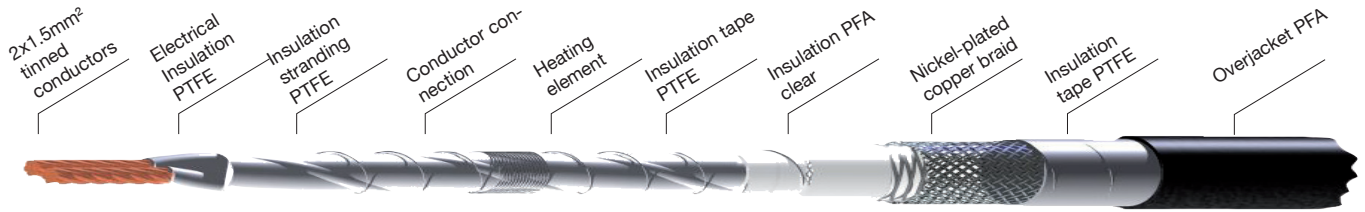
The FHT is a family of constant wattage parallel circuit heating cables designed for pipe and equipment trace heating in industrial applications. FHT can be used for frost protection and process temperature maintenance requiring high power output and/or high temperature exposure.

FHT can provide process temperature maintenance up to 150°C and can withstand routine steam purges and temperature exposure to 260°C power off. FHT heating cables are zone

parallel heaters constructed from a heating element wrapped around two parallel conductors. The distance between conductor contact points forms the heating zone length. This parallel construction allows it to be cut to any length and terminated in the field. Its round shape provides excellent flexibility during installation as it allows for bending in every direction. FHT heating cables are approved for use in hazardous areas. Approvals are listed below.

	FHT/2/10-CT	FHT/2/20-CT	FHT/2/30-CT
<b>Size</b>	ø7.5mm	ø7.5mm	ø7.5mm
<b>Specification:</b> Nominal power output Supply voltage (AC) Area classification	10W/m 230V	20W/m 230V	30W/m 230V
<b>Approvals</b>	Hazardous Area, Zone 1 or zone 2. Ordinary  The FHT heating cable is approved for use in hazardous areas Zone 1 and Zone 2 by KEMA.  II 2 G EExe II T6 to 230°C (T2) KEMA 01ATEX2085X  (Where T is the applicable temperature classification in accordance with the certificate schedule)		
<b>Max circuit length</b>	200m	150m	120m
<b>Max withstand temperature (power off)</b>	260°C	260°C	260°C
<b>Max work piece temperature (power on)</b>	Refer to stabilised design tables		
<b>Min installation temperature</b>	-65°C	-65°C	-65°C
<b>Min. bending radius</b>	20mm	20mm	20mm
<b>Min. spacing between turns*</b>	40mm	40mm	40mm
<b>Colour</b>	White	Red	Green
<b>Cold lead / heating zone length</b>	1.5m	1.5m	1.5m

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### Stabilized design tables:

The temperature values listed represent the maximum stabilized design surface temperature permitted for a work piece for temperature classification T6, T5, T4, T3 and 230°C (T2).

### FHT/2/xxx heating tape with 100mm spacing when spirally wound on a surface to be heated:

Nominal Power (W/m)	Power Density (Q) (W/m)	Temperature classification (°C)				
		T6	T5	T4	T3	230°C (T2)
10	12.7	50	67	104	170	200
20	25.5	18	40	82	151	178
30	38.2	X	X	35	114	144

### FHT/2/xxx heating tape with 40mm spacing when spirally wound on a surface to be heated:

Nominal Power (W/m)	Power Density (Q) (W/m)	Temperature classification (°C)				
		T6	T5	T4	T3	230°C (T2)
10	12.7	45	63	102	167	196
20	25.5	X	17	70	145	172
30	38.2	X	X	X	93	127

Ordering details			
Part description	FHT/2/10-CT	FHT/2/20-CT	FHT/2/30-CT
Part no.	3665010	3665020	3665030
Components	SAN offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with electrical requirements.		
Accessories			
Termination kit			
Part description	Connection kit FHT 2-CT, seal kit, with M20 ATEX, C20-01-F		
Part no.	7399123		
Part description	End kit Cold-applied FHT 2-CT, ATEX		
Part no.	7399124		

### Wiring Diagramme

